

Swathi Amaravadi

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PROFILE

A highly skilled Software Developer with 5.00 years of experience in front-end development using technologies such as HTML5, CSS3, JavaScript, React.js, Redux, and Node.js. Adept at building scalable, responsive applications while adhering to modern development practices. Proficient in UI design, API integration, and working with databases like MySQL and PostgreSQL. Seeking to leverage expertise in front-end technologies to contribute to innovative projects in a fast-paced environment.

Education

University of Bridgeport, MS in Computer Science

April 2025

- GPA: 3.8/4.0

- **Coursework:** Algorithms,NLP and LLM's, OOPS through Design Patterns,Python

Technologies

Frontend Technologies: JavaScript (ES5/ES6), React.js, Redux, jQuery, Bootstrap, Materialize CSS, Ant Design, HTML5, CSS3,

Backend Technologies: Nodejs,express

Data Structures Algorithms: Problem-solving,Leet-code, Time Space Complexity Optimization

Libraries: JWT,Bcrypt

Database: MongoDB

Tools : Postman,SSMS,mongoDB Atlas, VS Code,VS, GitHub,GIT

Containerization and Deployment : Docker, Netlify, Render,Microsoft Azure

Code Quality Tools : ESLint, Prettier

Other Skills : ECharts

Experience

Teaching Assistant, University Of Bridgeport - Bridgeport, CT

Sep 2024 – Present

- As a Teaching Assistant in the Master's in Computer Science program, I help students grasp key concepts in Natural Language Processing (NLP) and Large Language Models (LLMs) through lectures and lab sessions.
- I also support real-world project applications and provide guidance during office hours. Additionally, I collaborate with faculty on research initiatives, enhancing course materials and fostering an engaging learning environment.

Software Developer, Rubus Digital – Hyderabad, India

May 2019 - December 2023

- Worked as a Software Developer in Rubus Digital Pvt..Ltd from April 2023 to December 2023.
- Worked as a Software Developer in Envision Enterprise Solutions Pvt Ltd from July 2020 to March 2023.
- Worked as a Software Developer in Suraaga Technologies Pvt Ltd from May 2019 to June 2020.

Projects

ARJAS STEEL

- EMS, E-Log books, trend analysis, downtime logs, reports at process

RAK CERAMICS

- Energy management system, E-Log books, trend analytics, downtime logs, reports at process

JSW CEMENTS

- Reports, EMS, E-logbooks

SAGAR CEMENTS

- Downtime logs with live data and Equipment management

Full Stack Development with Java Spring Boot, React, and MongoDB

Movies Review and Trailer Application

- Built a full-stack web app for movie reviews and trailer streaming using Java Spring Boot, React.js, and MongoDB.
- Developed REST APIs for CRUD operations and integrated third-party APIs for trailer display.
- Designed a responsive UI with Material-UI for optimal user experience across devices.

- Deployed the back-end on Render and front-end on Netlify for scalability.
- Implemented server-side pagination for efficient review handling.
- Used Git and GitHub for version control and collaboration.